

# V&V Summary Report

## L2 ASCDS Version : 10.1

Observation 16246 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Oct 23 2013

See axaff16246N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.10.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.126132351279

## Comments

The MCP HV levels and the trigger threshold of the instrument were set to non-standard values and as such the instrument is no longer 'calibrated'. Use of the LETG grating with HRC for an extended source results in a degradation of the spectral resolution. There is no longer a unique mapping between position of an event on the focal plane and wavelength.

seq_num	502246	Sequence number
obs_id	16246	Observation id
title	Pre-Planned Target of Opportunity (ToO) Observations of the Crab Nebula upon the Occurrence of the Next Gamma-Ray Flare	Proposal titl
observer	Dr. Martin Weisskopf	Principal investigator
object	Crab	Source name
ra_targ	83.631667	Observer's specified target RA [deg]
dec_targ	22.015667	Observer's specified target Dec [deg]
ra_nom	83.631621081556	Nominal RA [deg]
dec_nom	22.020446384762	Nominal Dec [deg]
roll_nom	91.632983466537	Nominal Roll [deg]
revision	2	Processing version of data
ontime	20126.132351279	[s]
livetime	20012.873149624	Overtime multiplied by DTCOR
l2events	1487861	Number of level 2 events

